241 [464] universally small and there is no evidence to suggest that any village producers are employing labour to increase production.[1]

454 Monetary investment at the village level is low and there are no motor vehicles owned by individuals or groups of subsistence 493 villagers,[2] although a number of villages now possess copra driers and coffee pulping machines.

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The foregoing data suggest three main factors, largely unique to the sub-district, which may explain this situation.

464 (i) Labour shortages. Since pacification there have been repeated references to a high proportion of the adult male labour force being absent from their villages. Humphries (1923:203) refers to the Kumusi district being a 'famous recruiting-ground for plantation labourers' at the time of the first world war. Patrol reports after the second world war make periodic references to shortages of manpower in the villages and suggest that the regulation maximum of 30 per cent absent was at times exceeded (e.g. Higaturu 1-1543/44). The establishment of plantations under the ex-servicemen's credit scheme attracted much local labour at a time when returns from wage labour were considerably higher than those from cash cropping. Many [461] Orokaiva still prefer wage labour to commercial agriculture as a source of cash.

731 433 (ii) Consequences of the disasters. The effects of the war and the volcanic eruption served to accentuate the instability of settlement and fragmentation of groups. Resettlement after the eruption took several years in some cases and is likely to have deterred interest in planting commercial trees, at least in the directly affected area, which was the most densely settled part of the Orokaiva region. The findings quoted earlier[3] suggest that the initial Orokaiva adaption to the volcanic disaster was more active

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[1] Since our survey, one Inonda man has taken a job as a driver in Popondetta and employs a labourer at $3 per week to maintain his food gardens. For a description of four Orokaiva entrepreneurs with large holdings of cash crops see Crocombe 1967.

[439] [464] [465] [2] With the single exception of the indigenous ex-servicemen settlers, several of whom own vehicles; imported foodstuffs comprise a significant element of their diet and considerable use is made of outside labour, commonly kinsmen. Payment, however, is often nominal or in kind.

[3] See p.16. A

A,[See Category 731, p.16--Analyst]

development of each of the small local co-operatives. These were all organized along similar lines but the following description applies specifically to the Gombe Co-operative which (to distinguish it from Samuel Ungega's venture) was renamed the Yega Co-operative.

The executive committee of the co-operative consisted of five members: a chairman who was a well-known elder and later became the acknowledged leader of the Yega, a secretary who was a younger man of some education and in good standing with the mission authorities, and three young and energetic members, two of them ex-servicemen who had had some post-war agricultural training at Dogura. This committee was elected by a general meeting of Yega people. Its function was to decide which land to use, when to change areas of cultivation and when to work: co-operative work days were Tuesdays and Saturdays when all people (even school children on Saturdays) were supposed to work on the co-operative gardens. At certain times, such as harvesting, extra work was necessary. The committee made the decision when to call for such extra efforts. In addition, the committee appointed people to other set duties and supervised the performance of these duties. Such positions were:

i. jobmaster, who allocated work;

ii. farm leaders, who kept farm records,[1] supervised sowing, harvesting and other technical aspects - these men had all had some agricultural training;

iii. huller operator. A rice huller was acquired and installed at the western end of Beporo village;

iv. toolkeepers and timekeepers. They kept tools in good repair, and rang the bell at 8 a.m. for staring work, at mid-day for prayers and at 5 p.m. for knocking off and prayers. Although people then lived in villages stretching along about three miles of coastline, and the only bell was in Beporo village, it was stated that in the early days of co-operative work most people were punctual; after the first year there was a gradual slackening in enthusiasm.

The secretary kept a roll book in which the names of all workers were entered. Each work day he walked round the gardens and ticked off the names of those present. There was no attempt to discriminate between hard workers and slackers. The person who worked for one hour received the same credit for attendance as one who

[1] Unfortunately no written records of the co-operative were located.